

10th Annual BC Interior Stewardship Workshop



Workshop Summary

Hosted by the Fraser Basin Council in partnership with Fisheries and Oceans Canada
and the Salmon River Watershed Roundtable

Workshop summary prepared by the Fraser Basin Council



Acknowledgments

The Fraser Basin Council would like to acknowledge the core financial support and workshop development oversight of the Department of Fisheries and Oceans Canada for ten years, beginning in 2005. Staff at the Council express their gratitude, in particular, to Bob Harding from DFO. The Council would also like to thank Jamie Felhauer and Mike Wallis of the Salmon River Watershed Roundtable for their help organizing and delivering the workshop in Salmon Arm. The Council also wishes to thank the Living Rivers Trust Fund, Teck Highland Valley Copper, and the Columbia-Shuswap Regional District for their financial support for the BC Interior Stewardship workshop. Thank you to the host communities of Salmon Arm and Neskonlith, and to the stewardship community in the Interior of BC for your participation in the workshop.



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Teck



Workshop Summary

The tenth annual BC Interior Stewardship Workshop was held in Salmon Arm. 60 people attended over two days, with strong representation from the Shuswap (see Appendix II for a list of workshop participants).

Following the format from previous years, the workshop included sessions for learning, networking, and getting out in the field. The agenda featured presentations from stewardship organizations, university research, and agency updates. The tour for the workshop took the group to visit the Salmon River delta at Neskonlith, restoration sites on the Salmon River, and to Spa Hills Farm composting facility (see Appendix I for the detailed workshop agenda).

A highlight of the workshop was the presentation of the Fraser Basin Council's *BC Interior Stewardship Award for Ecosystem Excellence* to Neil Brookes, past executive director of Kingfisher Interpretive Centre Society.

The Fraser Basin Council would like to recognize the late Dr. Mary Thomas of Neskonlith Indian Band for her leadership, stewardship ethic, and incredible inspiration to the Shuswap community.

A summary of the workshop sessions follows on the succeeding pages, in the order they were conducted. See Appendix III for a list of workshop presentations available on the Fraser Basin Council website.

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Welcome and Introductions

The tenth annual BC Interior Stewardship Workshop was opened with welcoming comments from Erin Vieira, of the Fraser Basin Council. She acknowledged the traditional territory of the Secwepemc Nation and thanked the host communities of Salmon Arm, Neskonlith, and the greater Columbia-Shuswap Regional District. Chief Judy Wilson of Neskonlith Indian Band provided welcoming comments and a prayer. Director Rene Talbot of the Columbia-Shuswap Regional District (Area 'D' Ranchero - Deep Creek - Silver Creek) also welcomed everyone to the Shuswap. Erin acknowledged and expressed appreciation for workshop sponsors: the Department of Fisheries and Oceans, Living Rivers Trust Fund, and Teck Highland Valley Copper.

Erin Vieira briefly mentioned past host communities of the Stewardship Workshop and previous *Ecosystems Excellence Award* winners. A round of introductions was done in the room. Erin presented the workshop agenda, and expressed regrets on behalf of one of the workshop presenters, Bonnie Thomas.

Erin explained the purpose of the annual Stewardship Workshop: (1) to recognize and celebrate the work of stewards in BC's interior regions, and (2) to provide a venue for networking, learning, collaboration and training. For the purposes of the workshop and other work that the Fraser Basin Council facilitates, "stewardship" is the conservation and/or restoration land and water resources or education and awareness-raising for such. Stewardship is done by landowners, community groups, first nations, and government agencies.

Mike Simpson, also of the Fraser Basin Council, introduced the Fraser Basin Council as a non-profit society that works on difficult sustainability issues that are often inter-jurisdictional and that require multiple partners to find solutions. The Council is a non-positional neutral facilitator and educator. Its vision is *Social well-being supported by a vibrant economy and a healthy environment.*



Workshop Day One: Presentations

Watersheds in the Classroom

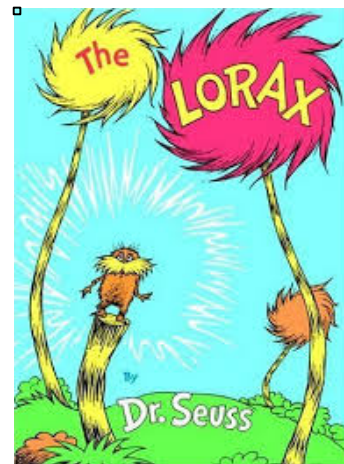
Presented by Dave Ramsay, Salmon Arm Secondary School
dramsay@sd83.bc.ca

Dave Ramsay teaches Environmental Science 11 using the Shuswap watershed as the geographic emphasis and as a natural system for studying sustainability. Dave spends the first part of the course teaching foundational concepts such as, *what is a watershed?* and *what is sustainability?*. The second part of the course is led by the students: they develop projects, and teach their fellow students about certain issues or topics of their choice.

Through the course – developed by Dave – students have learned about the inter-connectedness and complexity of natural systems, impacts of human activities on land and water, and become more aware of what is happening on the ground in the Shuswap.

Dave concluded by explaining that he'd like to integrate the Environmental Science 11 course with other school programs, with community initiatives, and with first nations traditional ecological knowledge.

Dave cites Dr. Seuss' The Lorax as the guide for the course



Governance for Water: meaning, application, and legitimacy

Presented by Natalya Melnychuk, Ph.D candidate, University of Waterloo
nmelnych@uwaterloo.ca

Natalya Melnychuk is a student in the water policy and governance group at the University of Waterloo, but she grew up in and calls the Shuswap home. She began her presentation by comparing governance to a flight deck, pilots, and tools – governance is how society makes decisions and how it will get to where it wants to go. Governance is not the same as the law, legislation, policy, or government – but they are all connected.

When it comes to water governance in BC, there is a patch-work approach in BC set against the backdrop of a very old and out-of-date *Water Act* (the primary piece of legislation for water in BC, but for which the *Water Sustainability Act* is proposed to replace and is in legislature at the time of writing this report). Additionally, there are unresolved rights and title claims across BC. Water governance in BC is exceptionally complex.

Natalya emphasized the significance of legitimacy – “the generalized perception that actors, institutions, processes, and policies are desirable, proper or appropriate” – for governance. Challenges to legitimacy include leadership, commitment, resources, accountability, roles and responsibilities, and the balancing and incorporation of expert and local knowledge. It goes without saying that legitimacy varies between perspectives – what one person considers legitimate, another does not. Through her research, Natalya has learned that strengthening organizational legitimacy can be done the following ways:

- Address knowledge-based power imbalances
- Combat resistance
- Coordinate with government
- Develop relationships with first nations

Waste Management in the Agriculture Industry, and Update on the FRISP (Farmland Riparian Interface Stewardship Program) and SEHAB (Salmon Enhancement Habitat Advisory Board)

Presented by Lee Hesketh, BC Cattlemen's Association
silverhillsranch@aol.com

Lee Hesketh wears many ‘hats’ – he is a rancher, a stream restoration expert, and stewardship collaborator. Lee works with BC Cattlemen’s as the coordinator of the Farmland Riparian Interface Stewardship Program (FRISP), is a Director on the Salmon Enhancement Habitat Advisory Board (SEHAB), and a strong advocate for a ‘common sense’ approach to land management. Lee emphasized the importance of the good work of stewardship groups and expressed appreciation for rising levels of education and awareness.

One of the issues that Lee is working on within the agriculture industry is nutrient management. As someone in the industry, Lee acknowledged that the agriculture sector has made mistakes in the past but he pointed out that ‘nobody gets up in the morning and decides to poison a stream with their practices’. Waste and nutrient management are difficult to resolve because of the cost, and the lack of cost-recovery. Lee stresses the importance of getting the agriculture community engaged and equipped with knowledge and tools to make a change.

Lee is part of a working group of government and industry representatives updating the provincial waste management regulations. This is taking place while work is also taking place on the ground – agriculturalists and community groups striving to improve their practices.

Lee invited the stewardship community to contact him as the BC Interior representative on the SEHAB.

River Bank Erosion and Boat Wakes

Presented by Dr. Bernie Bauer, UBC Okanagan

bernard.bauer@ubc.ca

Bernie is a researcher at the University of BC Okanagan campus. He has been studying wakes and erosion for many years, including recent research in the North Okanagan. He and his student, Larissa, are studying boat wakes and bank erosion on the Shuswap River. As many as 400 boats use the lower Shuswap River during the peak season. There is much evidence of erosion on the river – banks slumping and loss of riparian vegetation – but how much of it is due to boat wakes?

Through the research, they have learned that medium boating speeds produce the biggest wakes. By measuring erosion on the banks, they've learned that the water level affects the erosion. During peak season, when water levels are low and there are a great number of boats on the water, the wake action undercuts the channel and causes instability. In subsequent years during spring freshet when water levels are higher, the bank can collapse and cause accretion. In this way, the river banks are ever widening.

While it is evident that boat wake is contributing to river bank erosion, it is difficult to say to what degree it is doing so. Rivers are dynamic and ever changing. Long term monitoring on river systems has shown that a river changes dramatically over a 10-year period.

03

Stewards' Field Tour

The field tour for the tenth annual Stewardship Workshop took the group to the Salmon River valley to learn about best management practices, restoration, the legacy of the late Dr. Mary Thomas, and the operations at the Spa Hills Farm composting site.

The first stop on the tour was the Salmon River delta at Neskonlith. Due to soft snow on the ground, the group didn't trek very far. Bob Harding from DFO (in the absence of Bonnie Thomas, from Neskonlith Indian Band) explained some of the restoration activities that have taken place on the delta including plantings and riparian fencing. Valerie Janzen, Ruth Thomas, and Mike Wallis spoke about Mary Thomas, and how her understanding and knowledge of the river inspired the stewardship initiatives that have taken place in the Salmon River watershed. Mary Thomas encouraged people to undertake action in the upper reaches of the watershed, at the source of the problems – and not to continually try to fix siltation problems at the delta. “Address the source, not the symptoms”, was her advice.



The second stop on the tour was a restoration site at a farm. Mike Wallis explained the tree revetment and planting that was done at the site – one of approximately 470 sites that the Salmon River Watershed Roundtable has been involved in. A short distance upstream, the group viewed a large sandbank that had some stability work done at the base, but was otherwise deliberately left untouched to allow for natural re-vegetation. Mike and Sean Bennett from DFO stressed the importance building trust with landowners to work together effectively.

The third and final stop on the tour was Spa Hills Farm, where among raising cattle, chickens and growing grain, there is a large composting facility. Spa Hills Composting began with receiving slaughter-house waste and has expanded to accommodate food waste from restaurants in Salmon Arm. The resulting compost is



used on the farm to reduce the use and cost of chemical fertilizer. The compost facility is a step toward making the livestock industry more sustainable by providing local waste management (in lieu of shipping slaughter-house waste to Alberta). It further enables the food and hospitality industry to be more sustainable by diverting food waste from landfills.

Stewards' Banquet Dinner and presentation of Fraser Basin Council's *Ecosystems Excellence Award*

Following a full day of workshop activities, the stewards gathered at Intermissions Restaurant at the Shaw Recreation Centre in Salmon Arm where they enjoyed dinner and an evening of socializing and networking. Jamie Felhauer and Mike Wallis from the Salmon River Watershed Roundtable told a story about the watershed and their 20 years of watershed advocacy, crediting the late Dr. Mary Thomas for her inspiration and wisdom. Mel Arnold gave a presentation on the Salmon Arm Fish and Game Club, one of the oldest stewardship organizations in the Shuswap, being much more than just "guys and their guns."

The highlight of the evening was the presentation of the Fraser Basin Council's *BC Interior Stewardship Award for Ecosystem Excellence* to Neil Brookes of the Kingfisher Interpretive Centre Society. Neil was nominated for the award by Richard Smith, and was chosen as the 2014 award recipient for his leadership role in watershed education and fostering stewardship ethic in the Enderby/North Okanagan region and beyond. Through Neil's leadership over 25 years, a small salmon hatchery at Kingfisher transformed into an ecosystem stewardship learning centre that sees thousands of school children each year. Neil has been a key partner in various stream restoration projects, environmental monitoring, invasive species management, serving on various committees, and much more. In the words of Richard Smith, Neil is being recognized "not for his many past accomplishments, but for what he will achieve through future generations: the knowledge of ecosystem function, the wisdom of ecosystem stewardship, and the passion for ecosystem responsibility in thousands of children." We all congratulate you, Neil!

Neil dedicated his award to Dr. Mary Thomas.

Neil Brookes, past Executive Director of Kingfisher Interpretive Centre Society, accepts the 2014 *Ecosystems Excellence Award* from Erin Vieira



Welcoming comments, day two

Doug Edwards from DFO opened the second day of the workshop with welcoming comments and a brief review of the previous days' events. He reiterated the many references to Dr. Mary Thomas and her legacy, and congratulated the recipient of the 2014 *Ecosystems Excellence Award* Neil Brookes.

Doug gave a presentation on funding sources for stewardship (see Appendix IV).



Workshop Day Two: Presentations

A new Water Quality Program for the Shuswap Watershed: program outline and group dialogue

Presented by Erin Vieira, Fraser Basin Council

evieira@fraserbasin.bc.ca

Erin Vieira from the Fraser Basin Council began by giving a brief history of the Shuswap Lake Integrated Planning Process (SLIPP) that is a coordinated, collaborative program of local governments, first nations, government agencies, and communities for the planning and management of the Shuswap Lakes system. Through a public process and with the support of government agencies, SLIPP developed a Strategic Plan for the Shuswap to address three areas of concern: water quality and waste management, safe and sustainable recreation, and development in shoreline/foreshore areas.

Through a local government-funded 3-year pilot project, SLIPP had several accomplishments in implementing the Strategic Plan. Erin explained that one of SLIPP's greatest accomplishments is three years of coordinated water quality monitoring and reporting in the watershed, resulting a solid baseline of data and clear management direction for the future.

Beyond SLIPP, whose pilot project ends on March 31st 2014, the Shuswap Watershed Council (i.e. steering committee) will focus on water quality going forward. A new water quality program is in development throughout 2014 and will launch, pending a funding strategy, in 2015. During the 2014 developmental year, a public engagement campaign is being done and the Fraser Basin Council as the program managers is seeking input on the new program outline before developing its details.

Erin led the workshop participants through focus group discussions on the proposed program's outline (i.e. the *Terms of Reference*) which explain the goals and strategies of the new water quality program. She explained that the results of the

focus groups will be incorporated with the results of the public engagement campaign, and presented to the Shuswap Watershed Council for their consideration in April.

She encouraged everyone to visit the program's website, www.shuswapwater.com for more information. For information, reports and other information, or contact information regarding SLIPP, please visit www.slippbc.com.

New Fisheries Act: recent changes to the Act and what it means for stewardship groups

Presented by Jason Hwang, DFO
jason.hwang@dfo-mpo.gc.ca

Jason Hwang presented an overview of the new Fisheries Act, in particular the amendments to the national Fisheries Protection Policy. All fish and fish habitat in BC are subject to the prohibition against causing serious harm to fish. The new prohibition states, "No person shall carry on any work, undertaking or activity that results in serious harm to fish that are part of a commercial, recreational or Aboriginal fishery, or to fish that support such a fishery." He further stated that DFO's interpretation of "serious harm to fish" is:

- Death of fish
- Permanent alteration to fish habitat of a spatial scale, duration and intensity that limits their use of habitat
- Destruction of fish habitat of a spatial scale, duration and intensity that fish can no longer rely upon such habitats

(The policy can be downloaded from <http://www.dfo-mpo.gc.ca/pnw-ppe/pol/index-eng.html>).

Changes within DFO have resulted in the Fisheries Protection Program replacing the former Habitat Management Program. Within the Fisheries Protection Program, there are two groups: (1) the Regulatory group, which is organized into fishery protection units, and with project reviews being centralized within a regional triage unit; and (2) the Partnerships/Standards/Guidelines group that focuses on non-regulatory activities. Where people have been used to dealing with a contact in a local DFO office, this is no longer the case under the new organizational structure.

Authorizations are required for projects that are likely to result in serious harm to fish. They are regulated under the amended Fisheries Act; the process follows information requirements and timelines. Proponents are encouraged to visit DFO's website for self-assessment guidance, applications and authorization request forms, and a guide to offsetting.

Open Space Technology: you choose the discussion topic!

Facilitated by Mike Simpson, Fraser Basin Council

Mike Simpson led workshop participants through an Open Space Technology session. He explained Open Space Technology as being participant-led discussions, based on their interest in a particular subject. The concept of Open Space Technology is founded on the belief that coffee breaks are the best part of workshops and conventions and therefore participant-driven content reaps some of the best results. Workshop participants broke into one of three groups for dialogue, a summary of which is provided below:

Education, Youth and Stewardship

Led by Tina Donald, Simpcw First Nation

Tina's group produced a list of existing resources, useful for people involved in education and cultivating stewardship:

- Salmonids in the Classroom program
- McQueen Lake Centre
- Kingfisher Interpretive Centre
- Justin Hummel, Kindergarten teacher in School District 73, "Green School Initiative"
- Waste reduction programs (e.g. Thompson-Nicola Regional District)
- Earth Hour, Earth Day, Arbor Day

The group had further ideas for equipping educators and those working in youth and stewardship:

- Train-the-trainer type events on non-instructional days
- Value of field trips and 'hands-on-learning' – youth appropriate activities such as pulling weeds, planting, and storm drain marking
- Value of teaching through art
- Shared funding applications between organizations or projects
- Inviting students to the annual BC Interior Stewardship Workshop

Where does SLIPP go from here?

Led by Dale Kerr, Shuswap Water Action Team

Dale's group assembled to discuss how to keep up the momentum that the Shuswap lake Integrated Planning Process (SLIPP) started through the local government funded three-year pilot project, coming to an end on March 31 2014:

- The future program will need funding – taxation is a potential funding solution
- A referendum for taxation or a service takes a lot of time to organize
- The program needs buy-in from all three regional districts in the Shuswap watershed

- People need to see what they'll get for their contribution – underscores the need for good communication and demonstration of results
- The future program will need continued good science and the communication of the results – e.g. the dairy industry is trying to improve their management practices but they don't know if their farm practices are making a difference to water quality
- A political solution is needed to reduce conflict and controversy

Water Use and Streamflows

Led by Rich McCleary, BC Ministry of Forests, Lands and Natural Resource Operations

Rich's group discussed the quantitative nature of water and management of streamflows:

- Lack of public appreciation for small streams' ability to produce fish
- Water licences are over-allocated
- Riparian condition impacts low flows; establishing riparian forests can help with this
- The use-it-or-lose-it concept in water licences is a poor message – doesn't encourage conservation
- Need water governance within improvement districts that include a user-pay system related to water storage infrastructure
- There are some useful water management tools out there established for small systems – but its difficult to scale these up to large basins
- Small water systems can't afford infrastructure that meets health standards (for domestic use)
- Need for information related to human carrying capacity – i.e. how much water is needed for domestic use in various basins, and at various scales?



Concluding Remarks

Erin Vieira and Mike Simpson thanked everyone for their participation and once again acknowledged the financial sponsorship and the workshop organizational support from DFO and the Salmon River Watershed Roundtable. Erin reiterated some of the inspiring comments heard over the course of the workshop, including “Know that you are making a difference!” and “Don't expect instant results for the work you're doing... you need to have stamina and look at your work through the lens of multiple generations.”

Appendix I: Workshop Agenda

TENTH ANNUAL BC INTERIOR STEWARDSHIP WORKSHOP

March 12th – 13th 2013
Little Mountain Field House
250 30th Street SE
Salmon Arm, BC

AGENDA: March 12th

- 8:30 Doors open, coffee available
- 9:00 Welcome and introductions
Mike Simpson and Erin Vieira, Fraser Basin Council
Chief Judy Wilson, Neskonlith Indian Band
Director Rene Talbot, Columbia-Shuswap Regional District
- 9:15 Watersheds in the Classroom
Dave Ramsay, School District #83
- 9:40 Governance for Water: meaning, application, and legitimacy
Natalya Melnychuk, Ph.D candidate, University of Waterloo
- 10:00 Traditional Use and Modern Management
Bonnie Thomas, Switzmalph Society
- 10:25 Refreshment Break
- 10:45 Waste Management in the Agriculture Industry
and, update on FRISP (Farmland Riparian Interface Stewardship Program) and
SEHAB (Salmon Enhancement Habitat Advisory Board)
Lee Hesketh, BC Cattlemens Association
- 11:30 River Bank Erosion and Boat Wakes
Bernard Bauer, UBC Okanagan
- 12:00 Lunch (provided)
- 1:00 Tour – bus transportation provided
Salmon River Delta – restoration, agriculture beneficial management practices, and more
Salmon River restoration sites
Spa Hills Farm
- 5:00 Banquet Dinner at the Shaw Recreation Centre, (2600 10th Ave NE, Salmon Arm)
Feature: Salmon River Watershed Roundtable: 20 years of watershed advocacy and
action
Feature: Salmon Arm Fish & Game Club

Presentation of the *Ecosystems Excellence Award*

AGENDA: March 13th

- 8:30 Welcome and review of highlights from Workshop Day 1
Update on funding opportunities
Doug Edwards and Sean Bennett, Fisheries and Oceans Canada
- 8:45 A new water quality program for the Shuswap watershed
Presentation on program outline and group dialogue
Facilitated by Mike Simpson and Erin Vieira, Fraser Basin Council
- 10:00 Refreshment break
- 10:20 New Fisheries Act
What are the recent changes to the Act, and what does this mean for stewardship groups?
Presented by Jason Hwang, Fisheries and Oceans Canada
- 11:00 “Open Space Technology”
You choose the discussion topic!
- 11:50 Upcoming events announcements
- 12:00 Lunch (provided)
- Closing remarks
Farewells and departure

Appendix II: Workshop Participants

Adam Neil	Splatsin
Aline Piche	Cherryville Water Stewards
Andrew Petersen	BC Ministry of Agriculture
Blair Acton	Adams River Salmon Society
Bob Harding	Department of Fisheries and Oceans
Bob Hewitt	Skeetchestn Indian Band
Bonnie Baker	Shuswap Water Action Team
Brenda Melnychuk	Shuswap Environmental Action Society
Carmen Massey	White Lake Stewardship Group
Carol Ferguson	Shuswap Water Action Team
Christine LeFloch	Columbia-Shuswap Regional District
Dale Kerr	Shuswap Water Action Team
Dan Passmore	Columbia-Shuswap Regional District
Dave Ramsay	Salmon Arm Secondary School
David Lepsoe	Village of Chase
Deborah Chapman	Salmon Arm Museum at RJ Haney Heritage Village
Dennis Einarson	BC Ministry of Environment
Don Ignace	Skeetchestn Indian Band
Don Syme	Salmon River Watershed Roundtable
Donald Sam	Nlaka'pamux Nation Tribal Council
Doug Edwards	Department of Fisheries and Oceans
Erin Vieira	Fraser Basin Council
Fred Lockwood	Department of Fisheries and Oceans
Gary Ellis	Salmon Arm Fish and Game Club
Gene Puetz	Salmon River Watershed Roundtable
Guy Scharf	Department of Fisheries and Oceans
Harold Ridgway	Bonaparte Watershed Stewardship Society
Helga Vrabac	Friends of Gardom Lake
Herman Halvorson	Shuswap resident
Jackie Pearase	Regional District of North Okanagan
Jacky Clark	Kingfisher Interpretive Centre
Jacqueline Sorensen	Thompson Rivers University
Jamie Felhauer	Salmon River Watershed Roundtable
Jean Clark	Lower Shuswap Stewardship Society
Jennifer Sham	Columbia-Shuswap Regional District
Jim White	Grasslands Conservation Council
John Haugen	Nlaka'pamux Nation Tribal Council
Judy Hillaby	Department of Fisheries and Oceans
Julia Marmont	Shuswap Naturalists; BC Cattlemens Association
Kevin Duncan	Nlaka'pamux Nation Tribal Council
Lee Hesketh	BC Cattlemens Association
Marcin Pachcinski	Columbia-Shuswap Regional District
Marge Sidney	BC Ministry of Environment
Mel Arnold	Salmon Arm Fish and Game Club
Michael Crowe	Department of Fisheries and Oceans
Mike Simpson	Fraser Basin Council
Mike Wallis	Salmon River Watershed Roundtable

Natalya Melnychuk	Water Policy and Governance Group, University of Waterloo
Neil Brookes	Kingfisher Interpretive Centre Society
Neil Swaan	Salmon River Watershed Roundtable
Paul Demenok	Columbia-Shuswap Regional District
Rene Talbot	Columbia-Shuswap Regional District
Rich McCleary	BC Ministry of Forests, Lands and Nat. Res. Operations
Richard Smith	Kingfisher Interpretive Centre
Ruth Thomas	Neskonlith Indian Band
Sean Bennett	Department of Fisheries and Oceans
Susan Latimer	Okanagan Collaborative Conservation Program
Tina Donald	Simpcw First Nation
Tracy Thomas	Fraser Basin Council
Valerie Janzen	Salmon Arm Golf Club

Appendix III: List of Workshop Presentations posted on Fraser Basin Council website

The following presentations from the tenth annual BC Interior Stewardship Workshop may be downloaded from the Fraser Basin Council website, http://www.fraserbasin.bc.ca/tr_stewardship.html:

- Watersheds in the Classroom (modified from original) – presented by Dave Ramsay
- Governance for Water: meaning, application and legitimacy – presented by Natalya Melnychuk
- Salmon Arm Fish and Game Club – presented by Mel Arnold
- Update on Funding Opportunities – presented by Doug Edwards
- A new Water Quality Program for the Shuswap – presented by Erin Vieira
- New Fisheries Act: recent changes to the Act and what it means for stewardship groups – presented by Jason Hwang

Appendix IV: List of Funding Sources

The following is a list of funding sources, as presented at the tenth annual BC Interior Stewardship Workshop by Doug Edwards:

Pacific Salmon Foundation – Community Salmon Program

- Eligible projects include restoration, enhancement, assessment, stewardship, maintenance
- Requires 50% leverage, volunteer component ranks high
- Will not fund ongoing operational costs

BC Hydro Fish and Wildlife Compensation Program (FWCP)

- Three regions: Coastal, Peace, and Columbia
- Projects must be located in a watershed with a footprint impact to fish or wildlife
- Projects must align with priorities outlined in FWCP Action Plans
- Provides seed funding up to \$5,000 for project development
- Funding can be provided for multi-year projects

Pacific Salmon Commission – Southern Boundary Fund

- Previously was a major funder of restoration projects but now focused on monitoring, tagging, and escapement
- Eligible projects include restoration, low technology enhancement, assessment
- Funding can be provided for multi-year projects

Ministry of Transport and Infrastructure - Environmental Enhancement Fund

- Projects must directly benefit highway infrastructure to be eligible

Recreational Fisheries Conservation Partnership Program

- NEW program led by the Department of Fisheries and Oceans
- Two year \$15M extension
- Pacific Region approved 28 projects in Round 1, totaling \$1.9M
- Expecting call for proposals in May 2014 and last call in Fall 2014

Habitat Conservation Trust Fund

- Projects must focus on freshwater wild fish, native wildlife species and their habitats, and maintain/enhance opportunities for fishing, hunting, trapping
- Next deadline is November 2, 2014

Environment Canada - Environmental Damages Fund

- The program directs funds received as a result of fines, court orders, and voluntary payments – Polluter Pays Principle
- For general habitat projects

EcoAction Community Funding Program

- Projects must protect, rehabilitate or enhance the natural environment and build capacity of communities to sustain these activities
- Projects must address one or more of the following four themes:
 - Clean air
 - Clean water
 - Climate change
 - Nature
- At the time of presenting, program extension was uncertain

RBC Blue Water Program

- Proponent must be a registered charity through Canada Revenue Agency
- Funding up to 20% of project budget
- Project must be located in centres with greater than 10K population
- Eligible projects include infiltration galleries, rain gardens, riparian restoration

Real Estate Foundation of BC

- The overall aim of the Foundation is to transform land use attitudes and practices
- Suitable projects include those that focus on fresh water, sustainable food systems, and well-planned built environments
- Funding decisions are made quarterly or bi-annually, if the application is under or over \$20K, respectively

Appendix V: Upcoming Stewardship Events

Workshop participants listed their upcoming events and announcements:

- Lower Shuswap Stewardship Society is hosting the annual No-wake Flotilla on July 27th 2014 on the Shuswap River, all are invited
- Adams River Salmon Society and the Department of Fisheries and Oceans are hosting the Salute to the Sockeye Festival – October 2014 at Adams River
- The Horsefly River Roundtable is hosting the annual Salmon Festival on September 28th 2014
- Kingfisher Interpretive Centre Society is conducting field days throughout May and June and a learn-to-fish day on July 27th
- The South Okanagan Similkameen and the Okanagan Collaborative Conservation Program is hosting its shared Annual General Meeting on April 16th 2014
- Lillooet is hosting a Walking with Smolts event on May 29th and 30th 2014
- Simpcw First Nation is hosting a fisheries event on August 27th and a school interpretive program throughout September

Appendix VI: Summary of Workshop Evaluations

1. One of the purposes of the BC Interior Stewardship Workshop is to recognize and celebrate the work of stewards in BC's interior regions. Based on the presentations, tour, and award ceremony, how well did this year's workshop achieve that purpose? (choose one)

21 responses:

5 <i>Very much</i>	15 responses (71.4%)
4	6 responses (28.6%)
3	
2	
1 <i>Not at all</i>	

2. The other purpose of the BC Interior Stewardship Workshop is to provide a venue for networking, learning, collaboration, and training. How well did this year's workshop achieve that purpose? (choose one)

21 responses:

5 <i>Very much</i>	14 responses (66.7%)
4	5 responses (23.8%)
3	2 responses (9.5%)
2	
1 <i>Not at all</i>	

3. To what degree will this year's workshop help you in your stewardship efforts (considering new information, techniques or tools, new contacts, or inspiration)?

21 responses:

3 <i>Very much</i>	14 responses (66.7%)
2 <i>Somewhat</i>	7 responses (33.3%)
1 <i>Not at all</i>	

4. Overall, how do you rank the workshop?

21 responses:

4 <i>Excellent</i>	15 responses (71.4%)
3 <i>Good</i>	6 responses (28.6%)
2 <i>Okay</i>	
1 <i>Poor</i>	

5. In your opinion, what were the most useful or interesting parts of this year's workshop?

21 responses (summarized below):

- Dave Ramsay's presentation was a highlight for me; I admire the innovation and efforts; it was inspirational; need to see more of this important content in schools around the province (10x)
- The tour was informative; it's gratifying to see progress in stewardship projects; field tours provide the best opportunities for learning (6x)
- Meeting and networking (6x)
- The presentation on changes to the federal Fisheries Act (5x)
- The tour at the compost facility was excellent; it's a great example of a successful sustainability project and a great opportunity to ask questions with the operators (4x)
- The presentation on boat wake and wave action (4x)
- Learning about the stream rehabilitation/stabilization on the Salmon River (3x)
- The speakers were excellent. Well chosen topics. (2x)
- The field tour was excellent! (2x)
- The catering was excellent (2x)
- The governance presentation was excellent
- The presentation on potential funding opportunities
- Roundtable discussions

6. In your opinion, how can the organizing committee improve future Stewardship Workshops?

19 responses (summarized below):

- Nothing – it's great (3x)
- Use a bigger facility, with more room for participants and their displays (3x)
- I would be happy to pay for catering/tour costs to help accommodate this (2x)
- Earlier notification and distribution of agenda (2x)
- Make the workshop bigger, longer
- Find ways to encourage attendance by the northern stewards, their input and innovation is missed
- This was one of the best workshops I have ever attended – well organized, good facility, good food, good topics and field trip, well facilitated
- More presentations from people working in grassroots projects, rather than government information (government information is useful but we can often get this via other formats, such as websites and pamphlets)
- I'd like to hear from Dave Ramsay again at a future workshop, perhaps a presentation from one of his students
- Have more scientists present their research

- Create a list of stewardship projects that are underway in the last year, and the types of work they are doing
- Consider creating longer sessions for each presentation to enable more in-depth discussion and/or small group dialogues
- More hands-on training
- Have other stakeholders represented (more from farming, industry, development etc.)

7. Any other comments?

16 responses (summarized below):

- Excellent! Keep up the good work. (2x)
- I think the Fraser Basin Council is doing a great job organizing the workshop, thank you for your hard work and expertise (2x)
- Thank you for including me as a participant. Hearing and seeing the work being done and putting faces to names helps me understand who is doing what. I appreciate the dedication and efforts that are ongoing.
- The timing of presentations and breaks was good
- Look at doing this every 2 years, alternating with the SEP volunteer workshop event
- It was well organized, respectful and helpful
- Include stewards from the north via technology – they are interested in participating but the time, effort, cost and uncertainty is a barrier
- Send out workshop date earlier next year, possibly include funding sources for stewards to apply for travel assistance
- I enjoyed the workshop, the downfall was limited space for my display that showcases my stewardship in the mid-Fraser
- This was my first attendance at the workshop, the diversity of speakers was important
- Great job, wish I could have attended all of it
- It's important to support education in all areas of stewardship. The Ministry of Education is proposing to remove environmental education from K-10; this is a concern of mine, and I heard concerns about this from other people at the workshop. Supporting education in all areas of stewardship should be part of the mandate for the new SLIPP organization.
- I wear several hats – as chair of a grant selection committee, it was great for me to connect with representations from stewardship organizations that I had only “met” on paper. These introductions will help me help them write better applications, I thank you.
- The visit to the restoration sites were most informative
- I was happy to see Neil Brookes honoured with the *Ecosystems Excellence Award*

Appendix VII: History of BC Interior Stewardship Workshops

Date	Location	Tour	<i>Ecosystems Excellence Award Recipient</i>
2005	Kamloops	n/a	n/a
March 7-8, 2006	Williams Lake	Scout Island Nature Centre	n/a
March 29-30, 2007	Kamloops	Kamloops Drinking Water treatment plant	Jamie Felhauer
February 28-29, 2008	Quesnel	College of New Caledonia campus; Cariboo Pulp and Paper	Dora McMillan
March 12-13, 2009	Chase	Adams Lake Lumber; Adams River bridge	Tom Minor
February 24-25, 2010	Lillooet	Seton spawning channels; native plant greenhouse; Powerhouse restoration site	Mike Wallis Cayoose Creek Indian Band
March 15-16, 2011	Lumby	Wilsey Dam; Duteau and Creighton Creeks	Tracy Bond
February 28-29, 2012	Cache Creek	Cache Creek landfill; Ashcroft public pool; Ashcroft waste water treatment plant; Bonaparte River	Harold Ridgway
May 7-8, 2013	Vanderhoof	Murray Creek; Nechako Conservation Centre	Wayne Salewski
March 12-13, 2014	Salmon Arm	Salmon River delta and restoration sites; Spa Hills Farm	Neil Brookes